

New Amendments to the 2006 Standard Specifications

Effective January 3, 2006

Please note: New Amendments to the Standard Specifications are described below. Amendments to the Standard Specifications take precedence over the Standard Specifications in accordance with Section 1-04.2. The following list is a brief overview of the current revisions, with an explanation of why each change was made. The actual provisions should be reviewed in depth to become completely knowledgeable of the full extent of the revisions. These provisions are available at the following location: <http://www.wsdot.wa.gov/eesc/design/projectdev/>

DIVISION 1 – GENERAL REQUIREMENTS

Section 1-06.2(2)D Quality Level Analysis

Revised to correct a publication error in the formula for determining the Composite Pay Factor. Note: This provision was misprinted in the hard copy distribution from the Plans Office, but has been corrected electronically.

Section 1-07.10 Workers Benefits

Eliminates the requirement that the Contractor submit a “Request for Release” to the Department of Labor and Industries so that Retainage may be released. The information required in the “Request for Release” is now provided to L&I directly from the Department of Revenue.

Section 1-07.15 Temporary Water Pollution/Erosion Control

Revised to correct a publication error in the first paragraph.

Section 1-09.9(1) Retainage

Revises the requirements for release of Retainage to reflect procedural changes in how Labor and Industries documents that the Contractor is current with payments of industrial insurance and medical aid premiums. There is no change to how the Project office administers the contract.

DIVISION 2 – EARTHWORK

Section 2-09.3(1)E Backfilling

Clarifies that foundations for noise barrier walls, luminaire poles, traffic signal standards, and roadside and overhead sign structures are part of the list of items that requires backfill be placed in 6-inch lifts and compacted to a specified level of density. The Department has experienced problems with inadequate backfilling of foundations that compromises the stability of these types of foundations.

DIVISION 5 – SURFACE TREATMENTS AND PAVEMENT

Section 5-01.3(10) Pavement Smoothness

Revises the reference to measuring pavement smoothness according to Section 5-05.3(12). This provision did not clearly require that work be performed according to the reference section.

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Section 5-01.5 Payment

Removes concrete slurry containment, collection and disposal from the item for Cement Concrete Pavement Grinding, and includes it with applicable concrete grinding or saw cutting items of work.

Section 5-05.3(7) Placing, Spreading and Compacting Concrete

Allows the average concrete core density to be 97 percent of the mix design density, or 97 percent of the actual unit weight when tested according to AASHTO T-121. The spec previously required 97 percent of mix design only, and did not account for allowable variations in the actual batch.

DIVISION 6 - STRUCTURES

Section 6-02.3(16) Plans for Falsework and Formwork

Revised the address for the Bridge and Structures office because it has been relocated.

Section 6-02.3(16)A Nonpreapproved Falsework and Formwork Plans

Revised the address for the Bridge and Structures office because it has been relocated.

Section 6-02.3(16)B Preapproved Formwork Plans

Revised the address for the Bridge and Structures office because it has been relocated.

Section 6-02.3(26) Shop Drawings

Revised the address for the Bridge and Structures office because it has been relocated.

Section 6-11 Reinforced Concrete Walls

Revises the entire section to incorporate existing General Special Provisions into the Standard Specs. This Amendment to the 2004 Standard Specs was omitted from the printing of the 2006 book. It was also not included in the hard copy distribution of the Amendment package from the plans office, but was added electronically since that distribution was made.

Section 6-12.3(6) Noise Barrier Walls

Revised to allow erection of precast concrete panels after the concrete reaches 85% of its full design strength. This is similar to what is allowed for luminaire poles and traffic signal poles.

DIVISION 7 – DRAINAGE STRUCTURES, STORM SEWERS, SANITARY SEWERS, WATER MAINS, AND CONDUITS

Section 7-02.2 Materials

Revised to remove unnecessary language that allows alternate installations shown in the plans to be used. It is inherently obvious that the Contractor may perform the work shown in the plans at no additional cost to the State.

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Section 7-04.2 Materials

Revised to remove unnecessary language that allows alternate installations shown in the plans to be used. It is inherently obvious that the Contractor may perform the work shown in the plans at no additional cost to the State.

DIVISION 8 – MISCELLANEOUS CONSTRUCTION

Section 8-01.3(2)F Dates for Application of Final Seed, Fertilizer and Mulch

Deleted the second paragraph, thereby accepting the risk of grass establishment if seeded within the specified seeding window. The deleted statement placed an inordinate amount of risk on the Contractor for grass establishment.

Section 8-04.4 Measurement

Included the width of the sidewalk ramp in the measurement of cement concrete curb, and cement concrete curb and gutter that extends through a sidewalk ramp. This is shown in the standard plans but was not mentioned in the specifications.

Section 8-20.3(2) Excavating and Backfilling

Clarifies that foundations shall be backfilled according to the requirements of section 2-09.3(1)E. This is due to problems we have experienced with inadequate backfilling of foundations, and formwork that is left in place that compromises the stability of the foundation.

Section 8-20.3(4) Foundations

Clarifies that foundations shall be backfilled according to the requirements of section 2-09.3(1)E, and to require that all forming material be removed. This is due to problems we have experienced with inadequate backfilling of foundations, and formwork that is left in place that compromises the stability of the foundation.

Section 8-21.3(9)F Bases

Clarifies that foundations shall backfilled according to the requirements of section 2-09.3(1)E, and to require that all forming material be removed. This is due to problems we have experienced with inadequate backfilling of foundations, and formwork that is left in place that compromises the stability of the foundation.

Section 8-22.3(3) Marking Application

Adds requirements for glass bead application that were eliminated due to a publishing error.

Section 8-22.4 Measurement

Adds measurement of multiple items that were eliminated due to a publishing error.

Section 8-22.5 Payment

Deletes the items for painted and plastic HOV Lane symbols Type _____. This revision was missed during publication. We still measure and pay for HOV symbols, but they are all the same type.

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DIVISION 9 - MATERIALS

Section 9-00.8 Sand Equivalent

Revised the sedimentation period because the specified time period conflicted with the Test Method.

Section 9-02.1(4) Asphalt Binders

Revised to rename the section and to clarify the testing requirements that apply to Performance Graded Asphalt Binders.

Section 9-02.1(4)A Performance Graded Asphalt Binder

Adds the requirement that asphalt suppliers submit a Quality Control Plan to the State Materials Lab. This has been industry practice for some time but is only now formalized in the contract.

Section 9-02.1(6)A Polymerized Cationic Emulsified Asphalt CRS-2P

Added to note 3 that the material for this test shall come from residue derived from another test method. This is in response to questions about the origin of the test material.

Section 9-09.2(3) Inspection

The spec was not clearly written and is revised to clarify timber material acceptance. Material for structures must bear a grading stamp and certification. Other material may be grade stamped or certified.

Section 9-14.2 Seed

Changed to specify the amount of Pure Live Seed instead of the percent purity and germination rate. The change will allow us to more easily accept seed when comparing specs to the label.

Section 9-14.4 (1) Straw

Deletes the reference to straw “mulch” material, since straw may be used for applications other than mulch.

Section 9-14.4(3) Bark or Wood Chips

Prohibits sawdust from being used as mulch.

Section 9-14.4(4) Sawdust

Deletes sawdust as an acceptable mulch.

Section 9-14.4(7) Tackifier

Deletes the application rate for tackifier since the rate does not particularly matter as long as the material stays in place.

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Section 9-14.4(8) Compost

Revises the gradation of coarse compost to make it easier to manufacture. Reduces the soluble salt content to a value that is not detrimental to plant health. Allows testing of compost maturity by means of the Solvita Compost Maturity Test because this is a quick measurement of compost maturity and should remain as an available tool if needed. Changed the sampling requirement from 30 days prior to installation to 90 days prior to installation because 30 days was inadequate, and removed the requirement that compost be sampled from the material stockpiled for the project in recognition that some suppliers may not have adequate room to maintain one stockpile for all material supplied to a contract. Minor changes in grammar and sentence structure for improved clarity.

Section 9-14.4(5) Wattles

Enhanced with additional properties of acceptable wattles.

Section 9-14.5(6) Compost Sock

Deleted the requirement that the sock be burlap, any biodegradable material is acceptable if it meets the requirements of the section. Revised the specs for filler material from "compost type 2" to "coarse compost" because the compost spec has changed.

Section 9-14.5(7) Coir Log

Adds this new section to implement materials previously specified by Special Provision.

Section 9-14.6(1) Plant Materials Description

Revises and simplifies the definitions of planting materials.

Section 14.6(2) Quality

Adds requirement that plants be purchased from a nursery licensed to sell plants in the State of Washington.

Section 9-14.6(3) Handling and Shipping

Deletes the requirement that antidessicant material be applied before shipping.

Section 9-14.6(6) Substitution of Plants

Revised to reference published standards for determining equivalent sizes of root ball or container size for substituted plants.

Section 9-14.7(7) Temporary Storage

Minor change of grammar and sentence structure for improved clarity. Prohibits the use of cuttings that have rooted.

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Section 9-29.2 Junction Boxes

This entire section is revised to enhance clarity. The spec now includes standard-duty and heavy-duty junction boxes, complete with testing provisions. Heavy-duty junction boxes are for use in areas that may see traffic loading. Also improves the j-box lid and coating requirements. These changes are a result of ever increasing occurrences of standard duty j-boxes ending up in traffic areas, and of lid failures.

Section 9-29.6(2) Slip Base Hardware

Revised to specify flatness tolerances for plate washers in response to concerns that plate washers that are not flat may impede the function of the slip-base hardware.

Section 9-34.2 Paint

Adds material requirements for the painted blue background of the “Access Parking Space Symbol with Background” standard item. This item was added by a previous Amendment but did not include the material requirements.

Section 9-34.3 Plastic

Adds material requirements for the plastic blue background of the “Access Parking Space Symbol with Background” standard item. This item was added by a previous Amendment but did not include the material requirements.